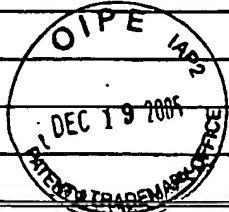


PTO/SB/08A (Substitute for form 1449/PTO)		Attorney Docket No.: 004-8830
		Application No.: 10/670,495
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Nir N. Shavit
		Filing Date: September 24, 2003
		Group Art Unit: 2186
		Examiner Name: Matthew Anderson
Sheet 1 of 2		Date Submitted: December 15, 2005



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
CW		US-4,584,640	04-22-1986	MacGregor et al.		
		US-4,847,754	07-11-1989	Obermarck et al.		
		US-5,224,215	06-29-1993	Disbrow, John R.		
		US-5,428,761	06-27-1995	Herlihy et al.		
		US-6,128,710	10-03-2000	Greenspan et al.		
		US-6,144,965	11-07-2000	Olivier, Richard J.		
		US-6,178,423	01-23-2001	Douceur et al.		
		US-6,360,219	03-19-2002	Bretl et al.		
		US-6,360,220	03-19-2002	Forin, Alessandro		
		US-6,366,932	04-02-2002	Christenson, David Alan		
		US-6,581,063	06-17-2003	Kirkman, Richard Karl		
CW		US-6,651,146	11-18-2003	Srinivas et al.		
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
CW		EP 0 366 585	05-02-1990	IBM		
		EP 0 466 339	01-15-1992	IBM		
		WO 86/00434	01-16-1986	Motorola		
CW		WO 01/53942	07-26-2001	Steele, Jr. et al.		
Examiner Signature		/Craig Walter/		Date Considered	08/21/2006	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional).

²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3)

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (Substitute for form 1449/PTO)		Attorney Docket No.: 004-8830
		Application No.: 10/670,495
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Nir N. Shavit
(Continuation Sheet)		Filing Date: September 24, 2003
		Group Art Unit: 2186
		Examiner Name: Matthew Anderson
Sheet 2 of 2		Date Submitted: December 15, 2005

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
CW		US-6,826,757	11-30-2004	Steele, Jr. et al.		
↓		US-2001/0047361	11-29-2001	Martin et al.		
		US-2003/0140085	07-24-2003	Moir et al.		
		US-2003/0174572	09-18-2003	Moir et al.		
		US-2003/0182462	09-25-2003	Moir et al.		
		US-2003/0182465	09-25-2003	Moir et al.		
		US-2004/0015510	01-22-2004	Moir et al.		
		US-2004/0015642	01-22-2004	Moir et al.		
↓		US-2004/0034673	02-19-2004	Moir et al.		
CW		US-2004/0153687	08-05-2004	Moir et al.		
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
CW		WO 01/53943	07-26-2001	Steele, Jr. et al.		
↓		WO-01/80015	10-25-2001	Martin et al.		
		WO 01/82057	11-01-2001	Moir et al.		
↓		WO 03/060705	07-24-2003	Moir et al.		
CW		WO 03/060715	07-24-2003	Moir et al.		
Examiner Signature		/Craig Walter/		Date Considered	08/21/2006	

Attorney Docket No.: 004-8830
Application No.: 10/670,495
Applicant(s): Nir N. Shavit et al.
Filing Date: September 24, 2003
Group Art Unit: 2186
Date Submitted: December 15, 2005

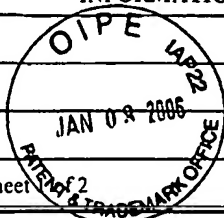
LIST OF PENDING U. S. PATENT APPLICATIONS

The following pending U.S. patent applications are listed for consideration by the Examiner.

Examiner Initials	Cite No.	Document Identification
CW	1	US Patent Application No. 09/547,288 (Attorney Docket No. 004-4663), filed April 11, 2000 and naming as inventor(s) Shavit et al.
↓	2	US Patent Application No. 09/547,290 (Attorney Docket No. 004-4664), filed April 11, 2000 and naming as inventor(s) Shavit et al.
↓	3	US Patent Application No. 09/710,218 (Attorney Docket No. 004-4896), filed November 10, 2000 and naming as inventor(s) Harris, Timothy
CW	4	US Patent Application No. 09/837,671 (Attorney Docket No. 004-5723), filed April 18, 2001 and naming as inventor(s) Detlefs et al.
Examiner Signature		/Craig Walter/
Date Considered:		08/21/2006

Applicant(s) are providing a separate list of pending applications, pursuant to MPEP § 609III(D), to avoid publication of the application numbers on any patent that issues from the above-identified application. Applicant(s) request that the Examiner indicate consideration of the pending applications listed above in accordance with MPEP 609III(C)(2) and return a copy of this page with the next communication.

PTO/SB/08B (Substitute for form 1449/PTO)		Attorney Docket No.: 004-8830
		Application No.: 10/670,495
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Nir Shavit
		Filing Date: September 24, 2003
		Group Art Unit: 2186
		Examiner Name: Matthew D. Anderson
Sheet 2 of 2		Date Submitted: December 28, 2005



NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CW	1	HERLIHY, M.P., et al., "Linearizability: A Correctness Condition For Con-Current Objects," <i>ACM Transactions On Programming Languages and Systems</i> , 12(3):463-492, July 1990.	
	2	HERLIHY, M.P., "Wait-Free Synchronization," <i>ACM Transactions On Programming Languages and Systems</i> , 11(1):124-149, January 1991.	
	3	MASSALIN, H., et al., "A Lock-Free Multiprocessor OS Kernel," Technical Report TR CUCS-005-9, Columbia University, New York, NY, 1991, 21 pages.	
	4	MASSALIN, Henry, "Synthesis: An Efficient Implementation of Fundamental Operating System Services," Dissertation submitted in partial fulfillment of the requirements for the Degree of Doctor of Philosophy in the Graduate School of Arts and Sciences, Columbia University, New York, NY, online, 158 pages, 1992 [retrieved from the Internet on 2001-07-13: URL:ftp://ftp.cs.columbia.edu/reports/reports-1992/cucs-039-92.ps.gz].	
	5	BERSHAD, B. N., "Practical Considerations For Non-Blocking Concurrent Objects," <i>Proceedings 13th IEEE International Conference on Distributed Computing Systems</i> , pp. 264-273. IEEE Computer Society Press, Washington, D.C., 1993.	
	6	HERLIHY, M., "A Methodology For Implementing Highly Concurrent Data Objects," <i>ACM Transactions on Programming Languages and Systems</i> , 15(5):745- 770, November 1993.	
	7	ATTIYA, Hagit, et al., "Are Wait-Free Algorithms Fast?" <i>Journal of the ACM</i> , 41(4):725-763, July 1994.	
	8	LAMARCA, A., "A performance evaluation of lock-free synchronization protocols," <i>Proceedings of the 13th Annual ACM Symposium on Principles of Distributed Computing</i> , pp. 130-140, ACM Press, New York, NY, 1994.	
	9	MICHAEL, Maged M. et al., "Simple, Fast, and Practical Non-Blocking and Blocking Concurrent Queue Algorithms," <i>Proceedings of PODC</i> , pp. 267-275, May 1996.	
	10	ATTIYA, H., et al., "Universal Operations: Unary versus Binary," <i>Proceedings of the 15th Annual ACM Symposium on Principles of Distributed Computing</i> , pp. 223-232, ACM Press, New York, NY, 1996.	
	11	GREENWALD, M. B., et al., "The Synergy Between Non-Blocking Synchronization And Operating System Structure," <i>Proceedings of the 2nd Symposium on Operating Systems Design and Implementation</i> , pp. 123-136, Usenix Association, Berkeley, CA, 1996.	
	12	AFEK, Y., et al., "Disentangling Multi-Object Operations," <i>Proceedings of the 16th Annual ACM Symposium on Principles of Distributed Computing</i> , pp. 111-120, August 1997. Santa Barbara, CA.	
	13	ARORA, N. S., et al., "Thread Scheduling For Multiprogrammed Multiprocessors," <i>Proceedings of the 10th Annual ACM Symposium on Parallel Algorithms and Architectures</i> , pp. 119-129, ACM Press, New York, NY, 1998.	
	14	ATTIYA, Hagit, et al., "Atomic Snapshots In O(n log n) Operations," <i>SIAM Journal on Computing</i> , 27(2):319-340, April 1998.	
CW	15	GREENWALD, M., "Non-Blocking Synchronization and System Design," PhD thesis, Stanford University Technical Report STAN-CS-TR-99-1624, Palo Alto, CA, August 1999, 241 pages.	
Examiner Signature		/Craig Walter	Date Considered
			08/21/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (Substitute for form 1449/PTO)	Attorney Docket No.: 004-8830
	Application No.: 10/670,495
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	First Named Inventor: Nir Shavit
(Continuation Sheet)	Filing Date: September 24, 2003
	Group Art Unit: 2186
	Examiner Name: Matthew D. Anderson
Sheet 2 of 2	Date Submitted: December 28, 2005

NON PATENT LITERATURE DOCUMENTS			
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CW	16	AGESEN, Ole, et al.: "DCAS-BASED CONCURRENT DEQUES," SPAA 2000. Proceedings of the 12th Annual ACM Symposium on Parallel Algorithms and Architectures, pp. 137 146, ACM Press, New York, NY, ISBN: 1-58113-185-2, 2000.	
CW	17	DETLEFS, David L., et al., "Even Better DCAS-Based Concurrent Deques," Lecture Notes in Computer Science, vol. 1914, pp. 59-73, Springer-Verlag, Berlin, Germany, ISBN: 3-540-41143-7, 2000.	
Examiner Signature	/Craig Walter/	Date Considered	08/21/2006

PTO/SB/08B (Substitute for form 1449/PTO)		Attorney Docket No.: 004-8830	
		Application No.: 10/670,495	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Nir N. Shavit	
		Filing Date: September 24, 2003	
		Group Art Unit: 2189	
		Examiner Name: Leonid Kravets	
		Date Submitted: January 27, 2006	

OIPE
 JAN 31 2006
 Sheet 1 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CW	1	AFEK, Yehuda, "Atomic Snapshots of Shared Memory," Journal of the ACM, vol. 40, no. 4, pp. 873-890, 1993.	
	2	AFEK, Yehuda et al., "Long-Lived Renaming Made Adaptive," Proceedings of the 18th Annual ACM Symposium on Principles of Distributed Computing, pp. 91-103, ACM Press, New York, NY, 1999.	
	3	AGESEN, Ole et al., "An Efficient Meta-Lock for Implementing Ubiquitous Synchronization," ACM SIGPLAN Notices, vol. 34, no. 10, pp. 207-222, October 1999.	
	4	AGESEN, Ole, et al.: "DCAS-Based Concurrent Deques," <i>Theory of Computing Systems</i> , vol. 35, no. 3, pp. 349-386, May 2002.	
	5	ANDERSON, James H. et al., "Universal Constructions for Large Objects," <i>IEEE Transactions on Parallel and Distributed Systems</i> , vol. 10, no. 12, pp. 1317-1332, 1999.	
	6	ATTIYA, Hagit et al., "An Adaptive Collect Algorithm with Applications," <i>Distributed Computing</i> , vol. 15, no. 2, pp. 87-96, April 2002.	
	7	BARNES, G., "A Method for Implementing Lock-Free Shared Data Structures," <i>Proceedings of the 5th ACM Symposium on Parallel Algorithms and Architectures</i> , pp. 261-270, ACM Press, New York, NY 1993.	
	8	DETLEFS, David L. et al., "Lock-Free Reference Counting," <i>Proc. 20th Annual ACM Symposium on Principles of Distributed Computing</i> , pp. 190-199, ACM Press, New York, NY, 2001.	
	9	HERLIHY, M., et al., "Transactional Memory: Architectural Support for Lock-Free Data Structures," <i>Proc. 20th International Symposium in Computer Architecture</i> , pp. 289-300, IEEE Computer Society, Washington, D.C., 1993.	
	10	HERLIHY, Maurice, "Dynamic-Sized Lockfree Data Structures," Sun Microsystems Technical Report SMLI TR-2002-112, June 2002.	
	11	HERLIHY, Maurice et al., "The Repeat Offender Problem: A Mechanism for Supporting Dynamic-Sized Lock-Free Data Structures," Sun Microsystems Technical Report SMLI TR-2002-112, June 2002.	
	12	HERLIHY, Maurice et al., "Obstruction-Free Synchronization: Double-Ended Queues as an Example," <i>Proceedings of the 23rd International Conference on Distributed Computing</i> , p. 522, IEEE Computer Society, Washington, D.C., 2003.	
	13	ISRAELI, Amos et al., "Disjoint-Access-Parallel Implementations of Strong Shared Memory Primitives," <i>Proc. 13th Annual ACM Symposium on Principles of Distributed Computing</i> , pp. 151-160, ACM Press, New York, NY, 1994.	
	14	LAMPORT, Leslie, "A Fast Mutual Exclusion Algorithm," <i>ACM Transactions on Computer Systems</i> , vol. 5, no. 1, pp. 1-11, 1987.	
	15	LUCHANGCO, Victor et al., "Nonblocking k-compare-single-swap," <i>Proceedings of the 15th Annual ACM Symposium on Parallel Algorithms and Architectures</i> , pp. 314-323, ACM Press, New York, NY, 2003.	
CW	16	MICHAEL, Maged M. et al., "Safe Memory Reclamation for Dynamic Lock-Free Objects Using Atomic Reads and Writes," <i>Proceedings of the 21st Annual ACM Symposium on the Principles of Distributed Computing</i> , pp. 21-30, ACM Press, New York, NY, 2002.	

Examiner Signature	/Craig Walter/	Date Considered	08/21/2006
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (Substitute for form 1449/PTO)		Attorney Docket No.: 004-8830	
		Application No.: 10/670,495	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Nir N. Shavit	
		Filing Date: September 24, 2003	
		Group Art Unit: 2189	
		Examiner Name: Leonid Kravets	
Sheet 2 of 2		Date Submitted: January 27, 2006	
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CW	17	MOIR, Mark et al., "Wait-Free Algorithms for Fast, Long-Lived Renaming," <i>Science of Computer Programming</i> , vol. 25, no. 1, pp. 1-39, August 1995.	
	18	MOIR, Mark, "Practical implementation of non-blocking synchronization primitives," <i>Proceedings of the Sixteenth Annual ACM Symposium on Principles of Distributed Computing</i> , pp. 219-228, ACM Press, New York, NY, 1997.	
	19	MOIR, Mark, "Transparent Support for Wait-Free Transactions," <i>Proceedings of the 11th International Workshop on Distributed Algorithms</i> , pp. 305-319, Springer-Verlag, London, UK, 1997.	
	20	MOIR, Mark, "Laziness Pays! Using Lazy Synchronization Mechanisms to Improve Non-Blocking Constructions," <i>Proc. 19th Annual ACM Symposium on Principles of Distributed Computing</i> , pp. 61-70, ACM Press, New York, NY, 2000.	
	21	SHAVIT, N., et al., "Software Transactional Memory," <i>Distributed Computing</i> , vol. 10, no. 2, pp. 99-116, February 1997.	
	22	SHAVIT, Nir, et al., "Combining Funnel: A new twist on an old tale...", <i>Proceedings of the 17th Annual ACM Symposium on Principles of Distributed Computing</i> , pp. 61-70, ACM Press, New York, NY, 1998.	
	23	SHAVIT, Nir, et al., "Combining Funnel: A Dynamic Approach To Software Combining," <i>Journal of Parallel and Distributed Computing</i> , vol. 60, no. 11, pp. 1355-1387, November 2000.	
↓	24	TREIBER, R., "Systems Programming: Coping with Parallelism," IBM Technical Report RJ5118, April 23, 1986.	
CW	25	TUREK, John et al., "Locking Without Blocking: Making Lock Based Concurrent Data Structure Algorithms Nonblocking," <i>Proceedings of the Eleventh ACM SIGACT-SIGMOD-SIGART Symposium on Principles of Database Systems</i> , pp. 212-222, ACM Press, New York, NY, 1992.	
Examiner Signature	/Craig Walter/		Date Considered 08/21/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here if English language Translation is attached.